17" (16.0" VIS) Real Flat monitor

107B40

Dare to compare -- LightFrame™3 for the sharpest and brightest displays ever !

- *LightFrame™3 - 2 x Normal Brightness*
- *17-inch (16.0" VIS) color monitor with excellent front of screen performance for use with MACs and PCs*
- *Autoscan covers horizontal frequencies up to 86 kHz offering a maximum resolution of 1600 x 1200 with flicker free display of 1024 x 768 at up to 107 Hz*
- *Flat square High Brightness, High Contrast CRT with high-resolution 0.25 mm dot pitch (0.21 hdp)*
- *XSD-Xtra Space Design for large screen display in a small footprint: World's shortest 17-inch conventional monitor with maximum depth of only 419 mm/16.5"*
- *Multimedia Base and USB Hub option*
- *TCO99 certified*

LightFrame™ 3
technology by PHILIPS

Optional Multimedia base 6G3B11

Optional USB HUB PCUH411

Let's make things better.

PHILIPS

17" (16.0" VIS) Real Flat monitor

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Technical Specifications

• Size (inch/cm)	17"/ 41 cm
• Deflection angle (degrees)	90°
• Dot pitch	0.25 mm
• Horizontal pitch	0.21 mm
-Tube type	Shadow mask, Real Flat, High Brightness, High Contrast, Anti Glare, Anti Static, Anti reflection, Light Transmission 55%
• Phosphor	P22
• Recom. display area(mm)	306 x 230 mm
• Recom. display area(inch)	12.0" x 9.0"
• Max. display area(mm)	325 x 244 mm
• Max. display area(inch)	12.8" x 9.6"

Scanning

• Horizontal scanning	30 - 86 kHz
• Vertical scanning	50 - 160 Hz

Video

• Video dot rate	176 MHz
• Input impedance	
-Video	75 Ohm
-Sync	2.2k Ohm
• Input signal levels	0.7 Vpp
• Sync input signal	Separate sync
	Composite sync
• Sync polarities	Positive and negative

White color temperature

Chromaticity CIE coordinates:

• at 9300 K:	x=0.283, y=0.297
• at 6500 K:	x=0.313, y=0.329
• at 5500 K:	x=0.332, y=0.347

Resolution and preset modes

• Max. resolution	1600 x 1200
• Recom. resolution	1024 x 768
• 16 user definable modes	
• 29 factory preset modes:	

	H.freq (kHz)/ V.freq (Hz)
640 x 350	31.5K/70
640 x 350	37.9K/85
640 x 480	31.5K/60
640 x 480	37.9K/72
640 x 480	37.5K/75
640 x 480	43.3K/85
640 x 480	50.6K/100
720 x 400	31.5K/70
720 x 400	37.9K/85
800 x 600	37.9K/60
800 x 600	48.1K/72
800 x 600	46.9K/75
800 x 600	53.7K/85
800 x 600	63.9K/100
832 x 624	49.7K/75
1024 x 768	48.4K/60
1024 x 768	56.5K/70
1024 x 768	60.0K/75
1024 x 768	68.7K/85
1152 x 864	67.5K/75
1152 x 864	77K/85
1152 x 870	68.7K/75
1152 x 900	71.8K/76
1280 x 960	60.0K/60
1280 x 960	85.9K/85
1280 x 1024	64.0K/60
1280 x 1024	80.0K/75
1600 x 1200	75.0K/60
1600 x 1200	81.3K/65

Plug and play compatibility

- Display Data Channel DDC 2B (VESA)
- Microsoft® Windows® 95/98/ME & 2000/NT/XP compatible
- sRGB

Power management

Complies with EPA Energy Star and NUTEK specifications

• Operation	68 W (typical)
• Suspend/Stand By mode	< 2 W
• Off mode/Deep Sleep	< 2 W

Low-emission characteristics

- Complies with MPR-II and TCO '99 specifications

Monitor controls and functions

• Main	5-button OSD Brightness +/- direct access Contrast+/- direct access
• On Screen Display	Language (English, Spanish, French, German, Italian, Chinese, Portuguese, Korean), zoom, horizontal, vertical, pincushion, balanced, trapezoid, parallelogram, color, reset, degauss, moire, serial number, resolution, frequency, sRGB
• LightFrame™3	For improving the picture display of multi media content such as photos, videos and games. Will boost brightness and sharpness performance on user selected areas/ windows on the screen. With automatic detection of graphical content in Internet Explorer for the web browsing. Can process up to 16 area simultaneously. One-button full screen mode. Advanced user adjustments via Windows control panel. Easy to use control software for Windows 98,Me. XP and 2000. Software in English, French, German, Spanish, Italian, Portuguese, Dutch, Chinese and Korean (for Windows version) and English, French, German, Spanish (for MacOS). Functionality for the MacOS version differs from the Windows version.

Connections and Cables

• Connections	
-Video	15-pin D-sub
• Cables	D-Sub Video cable(fixed), power cord

Regulatory approvals

- TCO '99
- MPR-II Low Emission
- TÜV/GS, TÜV/Ergo, TÜV/9241-3
- FCC-B, UL, CSA, DHHS
- SEMKO, Poland-B sign, C-Tick
- CE, BCIQ, PSB
- NUTEK, Energy Star

Physical specifications

• Dim. incl. base (WxHxD)(mm)	399 x 410 x 419
• Dim. incl. base (WxHxD)(inch)	15.7" x 16.1" x 16.5"
• Dim. excl. base (WxHxD)(mm)	399 x 373 x 419
• Dim. excl. base (WxHxD)(inch)	15.7" x 14.7" x 16.5"
• Weight (kg)	16.5 kg
• Power supply	90 - 264 VAC, 50/60Hz
• Temperature (operational)	0°C to 40°C/ 32°F to 104°F
• Temperature (storage)	-25°C to 65°C/ -13°F to 149°F
• Relative humidity	5% to 95%
• MTBF	> 75,000 H

Other

- USB Hub option type: PCUH411
- Multimedia Base option type: 6G3B11

As an Energy Star partner, Philips has determined that this product meets the Energy Star guidelines for energy efficiency.

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